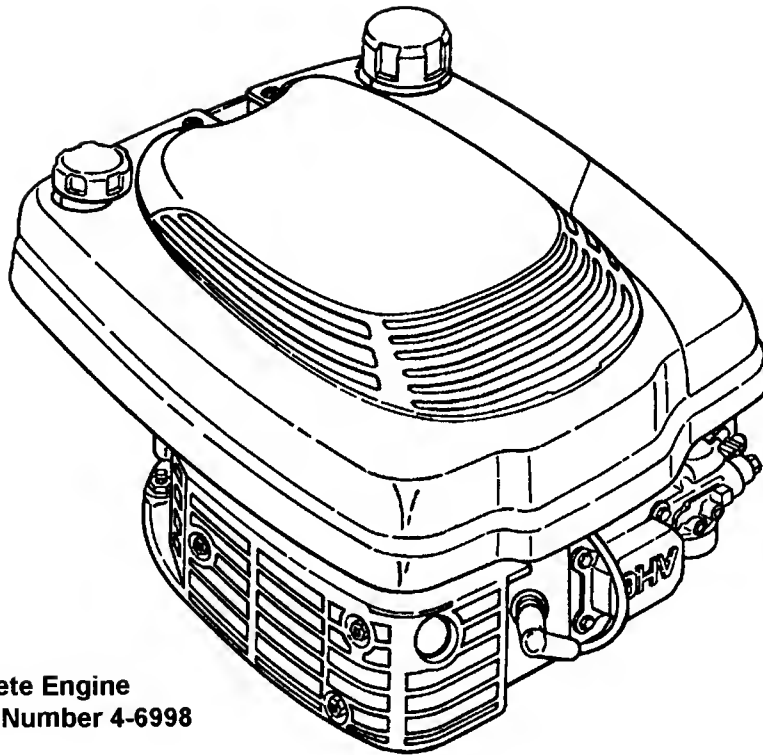


Parts Manual for
SNAPPER®
Model EH18V



For Complete Engine
Order Part Number 4-6998

IT IS THE POLICY OF SNAPPER TO IMPROVE ITS PRODUCTS WHENEVER IT IS POSSIBLE AND PRATICAL TO DO SO. WE RESERVE THE RIGHT TO MAKE CHANGES OR ADD IMPROVEMENTS AT ANY TIME WITHOUT INCURRING ANY OBLIGATION TO MAKE SUCH CHANGES ON PRODUCTS MANUFACTURED PREVIOUSLY.

SNAPPER McDonough, GA., 30253 U.S.A.

**ROBIN AMERICA, INC.
ROBIN TO WISCONSIN ROBIN
ENGINE MODEL CROSS REFERENCE LIST**

SNAPPER	ROBIN		WISCONSIN ROBIN
		<u>SIDE VALVE</u>	
	EY08		W1-080
	EY15		W1-145
	EY15V		W1-145V
	EY20		W1-185
	EY20V		W1-185V
	EY23		W1-230
	EY28		W1-280
	EY35		W1-340
	EY40		W1-390
	EY45V		W1-450V
	EY21		EY21W
	EY44		EY44W
	EY18-3		EY18-3W
	EY25		EY25W
	EY27		EY27W
		<u>OVERHEAD VALVE</u>	
	EH11		WO1-115
	EH12		WO1-120
	EH15		WO1-150
	EH17		WO1-170
4-6998	EH18V		WO1-180V
	EH21		WO1-210
	EH25		WO1-250
	EH30		WO1-300
	EH30V		WO1-300V
	EH34		WO1-340
	EH34V		WO1-340V
	EH43V		WO1-430V
		<u>TWO CYCLE</u>	
4-1272	EC13V		WT1-125V
		<u>DIESEL</u>	
	DY23		WRD1-230
	DY27		WRD1-270
	DY30		WRD1-300
	DY35		WRD1-350
	DY41		WRD1-410

HOW TO USE THIS PARTS CATALOG

All Robin Industrial Engines have a Production number to identify their specification. The Production number is a 15 digit, alphanumeric number. The first 11 digits are classified as the specification number of the engine. The last 4 digits are the manufacturing code. An example is shown below:

PRODUCTION NO.

EH180V00000
(SPECIFICATION #)

XXXX
(CODE)

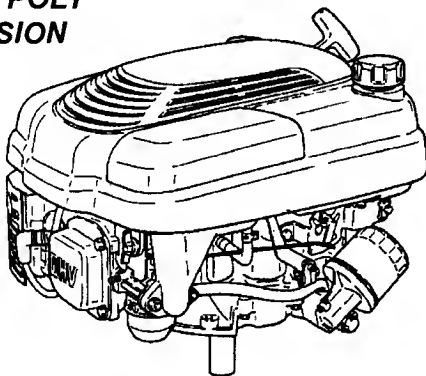
All 15 digit production numbers will be located on a label similar to the sample shown below. The label is located on the engine shroud.



ENGINE VERSION IDENTIFICATION

There are two versions of the Robin EH18V engine - the Pro Poly version and the Classic Steel version. This manual covers both versions. Some part number descriptions will indicate the version the part is used on.

**PRO POLY
VERSION**



**CLASSIC STEEL
VERSION**

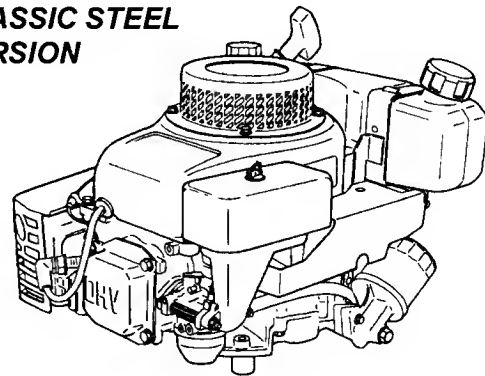


FIG. 1 CRANKCASE GROUP

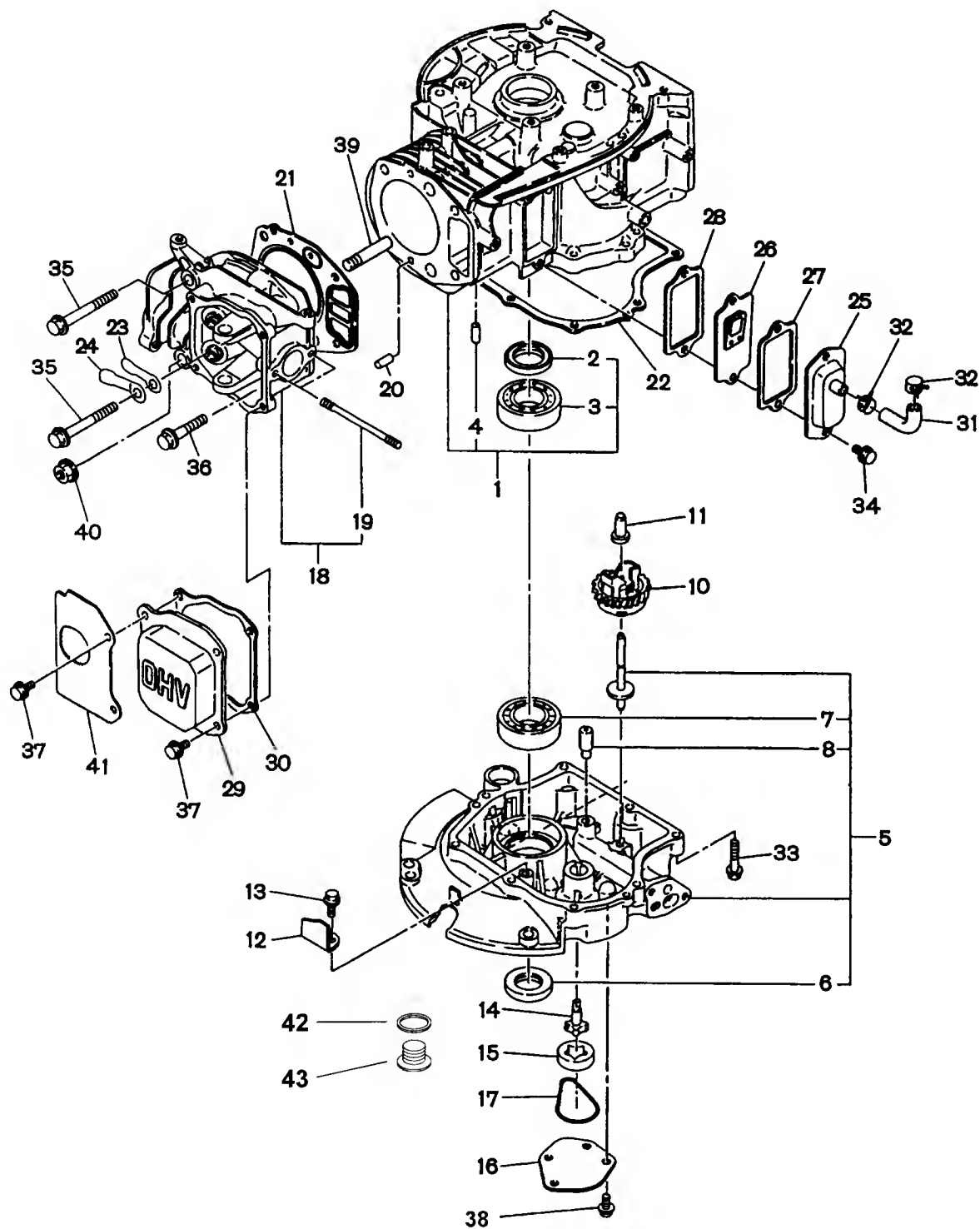
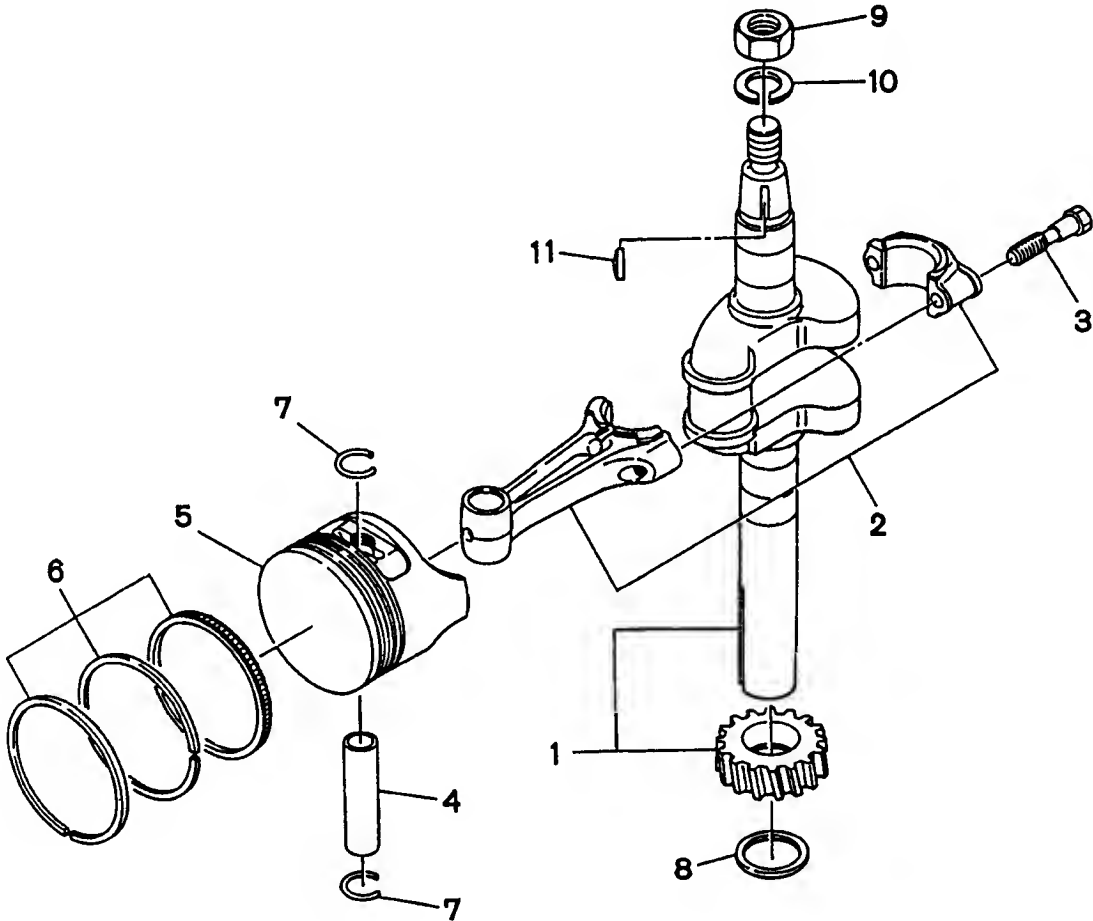


FIG. 1 CRANKCASE GROUP

Ref.	Parts Number	Description	Qty
*1	261-10101-11	CRANKCASE, compl. Includes items 2 thru 4 and 39	1
2	044-02501-50	OIL SEAL	1
3	060-02500-10	BALL BEARING	1
4	031-00600-20	DOWEL PIN	2
*5	261-11002-01	MAINBEARING COVER, compl. Includes items 6 thru 8	1
6	044-02500-70	OIL SEAL	1
7	060-02500-10	BALL BEARING	1
8	261-65001-03	OIL JET	1
10	226-45201-01	GOVERNOR GEAR, compl.	1
11	205-41901-03	GOVERNOR SLEEVE	1
12	261-65101-03	OIL SHELTER PLATE	1
13	011-00600-20	FLANGE BOLT	1
14	261-63901-01	OIL PUMP, inner., compl.	1
15	228-63902-03	OIL PUMP, outer	1
16	261-65302-03	OIL PUMP COVER	1
17	261-65401-03	O RING	1
*18	261-13001-01	CYLINDER HEAD, compl. Includes item 19	1
19	010-50601-40	STUD	2
20	031-00600-20	DOWEL PIN	2
21	261-15001-13	GASKET, head	1
22	227-16002-13	GASKET, bearing cover	1
23	261-17001-03	LEAF VALVE	1
24	261-17011-03	RETAINER PLATE	1
25	261-14301-01	TAPPET COVER, compl.	1
26	261-16101-01	BREATHER PLATE, compl.	1
27	227-16006-03	GASKET, tappet cover	1
28	227-16007-03	GASKET, breather plate	1
29	261-15501-01	ROCKER COVER, yellow zinc (Pro Poly)	1
29	253-15501-03	ROCKER COVER, silver zinc (Classic Steel)	1
30	253-16005-03	GASKET, rocker cover	1
31	261-10801-03	RUBBER PIPE (8ø x 11mm)	1
32	056-11200-40	HOSE CLAMP	2
33	013-00600-40	BOLT and WASHER ASS'Y	8
34	011-00600-20	FLANGE BOLT	2
35	011-00801-00	FLANGE BOLT	2
36	011-00800-10	FLANGE BOLT	1
37	011-00600-20	FLANGE BOLT	4
38	011-00600-20	FLANGE BOLT	4
39	010-50802-71	STUD	1
40	002-38080-00	FLANGE NUT	1
41	261-56001-03	GUIDE PLATE	1
42	261-65403-03	O-RING, OIL DRAIN PLUG	1
43	261-65702-01	OIL DRAIN PLUG	1
*	261-99001-07	GASKET SET	1

FIG. 2 CRANKSHAFT and PISTON GROUP



CRANKSHAFT and PISTON GROUP

[illegible]

FIG. 3 INTAKE and EXHAUST GROUP

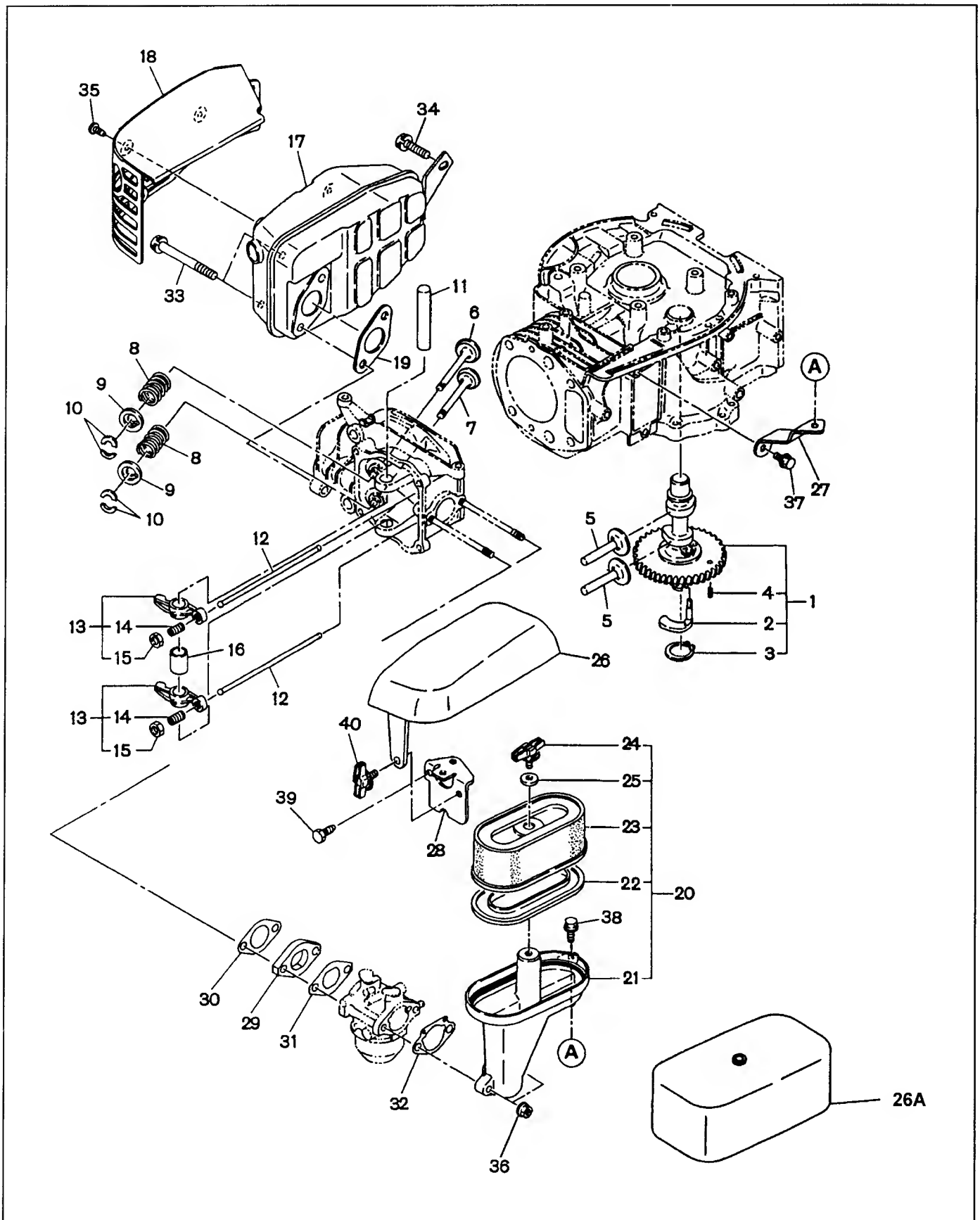


FIG. 3 INTAKE and EXHAUST GROUP

Ref.	Parts Number	Description	Qty
1	261-31701-01	CAMSHAFT, compl. Includes items 2 thru 4	1
2	227-36401-03	RELEASE LEVER	1
3	003-15220-00	SNAP RING	1
4	005-19041-00	SPRING PIN	1
5	239-33301-03	TAPPET	2
6	261-33401-03	INTAKE VALVE	1
7	261-33501-03	EXHAUST VALVE	1
8	237-33601-03	VALVE SPRING	2
9	132-09KA0-40	RETAINER	2
10	132-10KA0-31	COLLET	4
11	237-35001-03	ROCKER SHAFT	1
12	261-35301-01	PUSH ROD, compl.	2
*13	253-36101-00	ROCKER ARM ASS'Y Includes items 14 and 15	2
14	014-90800-21	ADJUSTING SCREW	2
15	017-00800-90	NUT	2
16	237-36120-13	SPACER	1
17	261-30101-01	MUFFLER, compl.	1
18	261-34203-01	MUFFLER COVER, compl., yellow zinc	1
18	261-34201-01	MUFFLER COVER, compl., black	1
19	214-35201-11	GASKET, exhaust., compl.	1
*20	261-32601-00	AIR CLEANER ASSY Includes items 21 thru 25	1
21	261-32650-08	CLEANER CASE	1
22	261-32655-08	PACKING	1
23	261-32601-07	ELEMENT SET	1
24	261-32660-08	WING BOLT	1
25	227-32690-28	GROMMET	1
26	261-35001-01	AIR CLEANER COVER (Pro Poly)	1
26A	261-35101-01	AIR CLEANER COVER (Classic Steel)	1
27	261-38001-01	BRACKET, air cleaner	1
28	261-38002-01	BRACKET, air cleaner cover	1
29	227-32901-13	INSULATOR	1
30	227-35901-03	GASKET, insulator	1
31	227-35904-03	GASKET 2, insulator	1
32	261-35901-03	GASKET, inner vent	1
33	013-00800-30	BOLT and WASHER ASS'Y	2
34	001-10081-60	BOLT and WASHER ASS'Y	1
35	015-20500-10	TAPPING SCREW	3
36	002-38060-00	FLANGE NUT	2
37	011-00600-20	FLANGE BOLT	1
38	011-00600-30	FLANGE BOLT	1
39	015-20600-10	TAPPING BOLT	1
40	246-32653-08	WING BOLT (Pro Poly)	1

FIG. 4 GOVERNOR, OPERATION GROUP

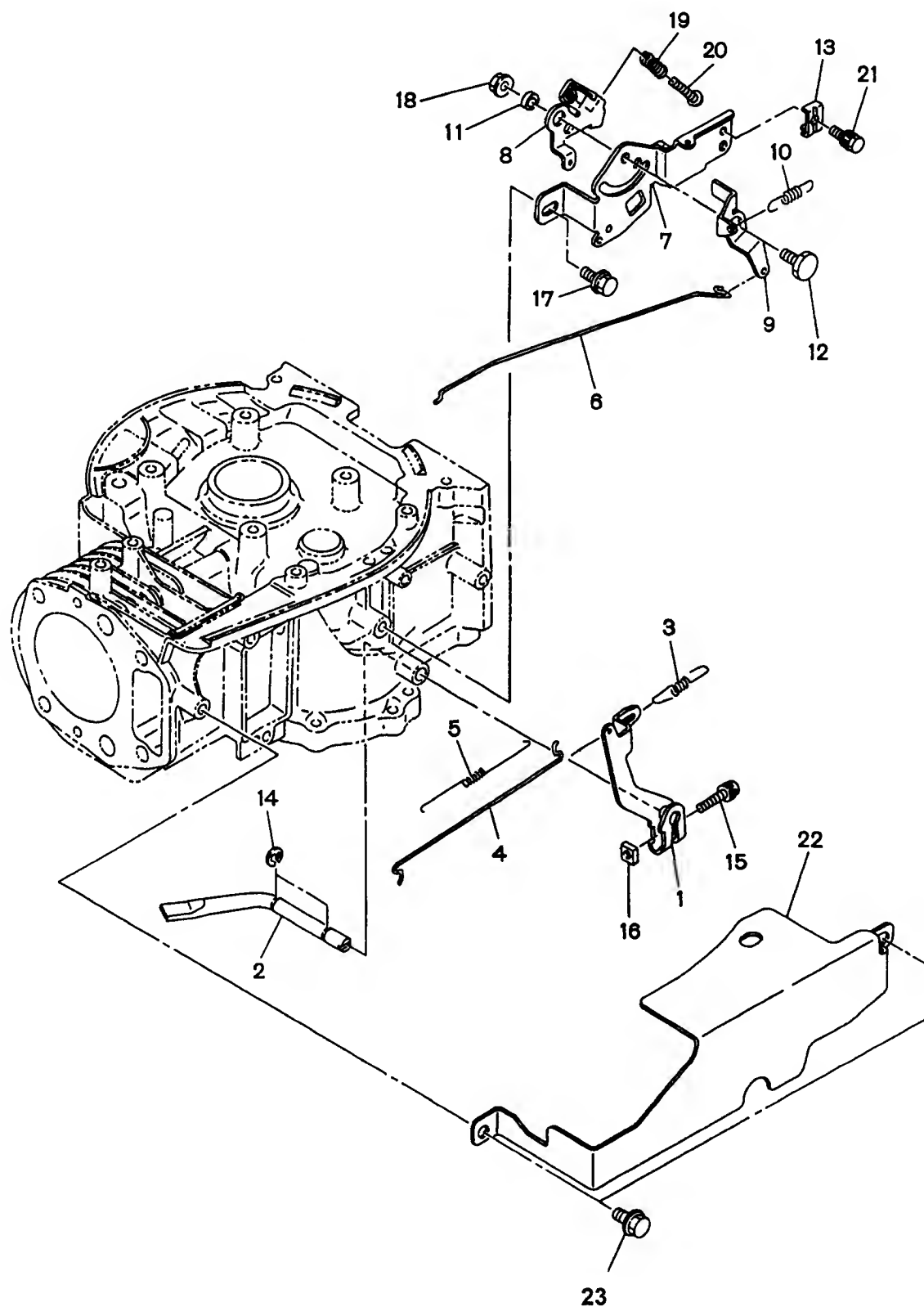


FIG. 5 COOLING, STARTING GROUP

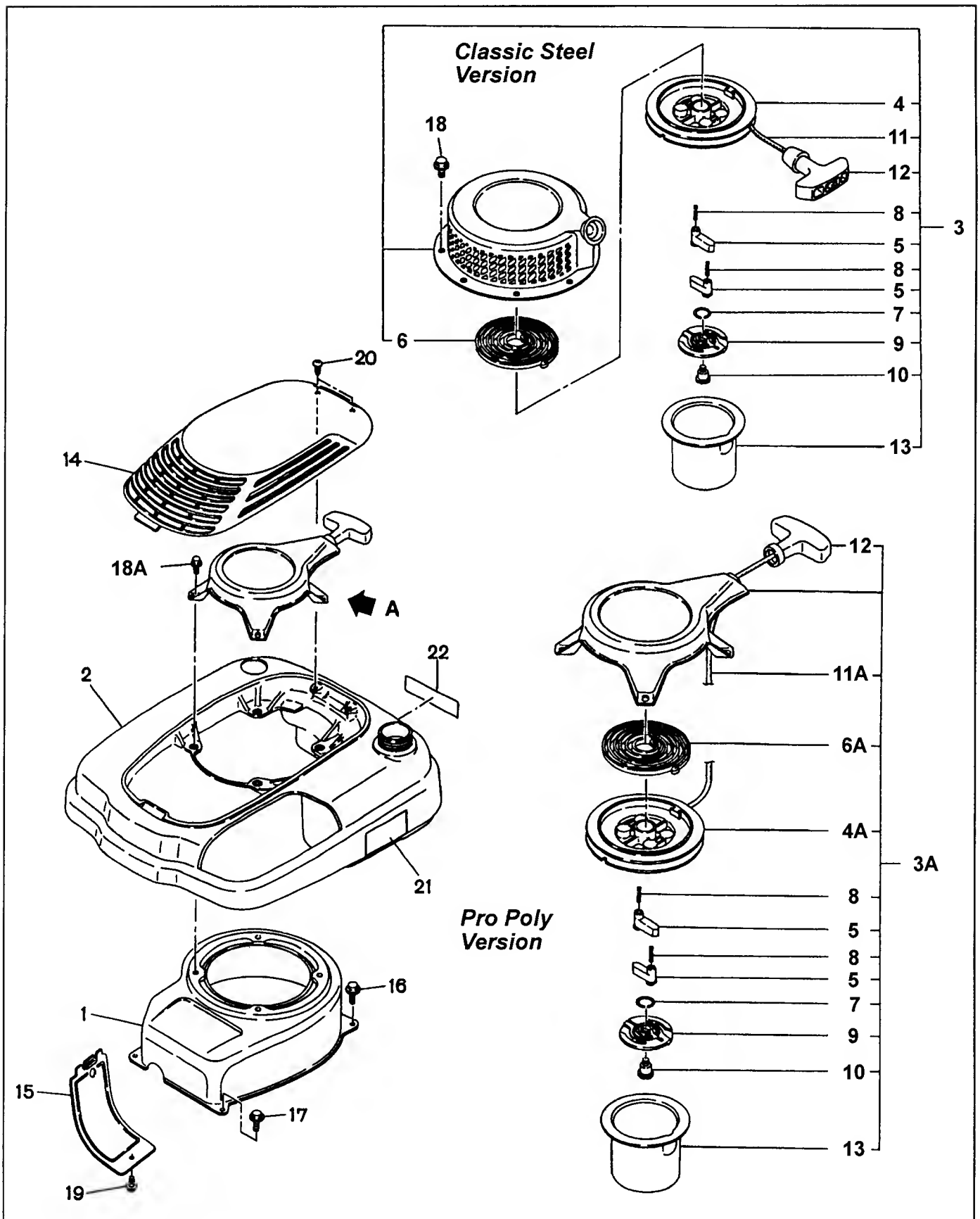


FIG. 5

[illegible]

The image contains two exploded view diagrams of a car seat headrest assembly. The left diagram is for the 'Classic Steel Version' and the right diagram is for the 'Pro Poly Version'.

Classic Steel Version: This diagram shows a central headrest unit with various mounting brackets and hardware. Key components labeled include:

- 60:** A top mounting bracket.
- 44:** A screw for the top bracket.
- 59:** A side mounting bracket.
- 51:** A top cap or knob.
- 58:** A small circular component, possibly a washer or spacer.
- 50:** A bracket assembly on the right side.
- 61:** A side cap or knob.
- 57:** A large L-shaped mounting bracket on the left.
- 53, 55, 54:** A vertical assembly of small components in the center.
- 52:** A bracket component below the vertical assembly.
- 2:** A small circular component at the bottom of the central assembly.
- 1:** A long, curved mounting bracket at the bottom.
- 42:** A small rectangular component near the bottom bracket.
- 82:** A large, U-shaped component at the top left.

Pro Poly Version: This diagram shows a similar headrest unit but with different mounting hardware. Key components labeled include:

- 51:** A top cap or knob.
- 39:** A bracket assembly on the right side.
- 41:** A small circular component below the bracket.
- 40:** A small circular component below the bracket.
- 2:** A small circular component at the bottom of the central assembly.
- 1:** A long, curved mounting bracket at the bottom.
- 42:** A small rectangular component near the bottom bracket.

FIG. 6A

FUEL and LUBRICANT GROUP

[illegible]

FIG. 6B FUEL and LUBRICANT GROUP

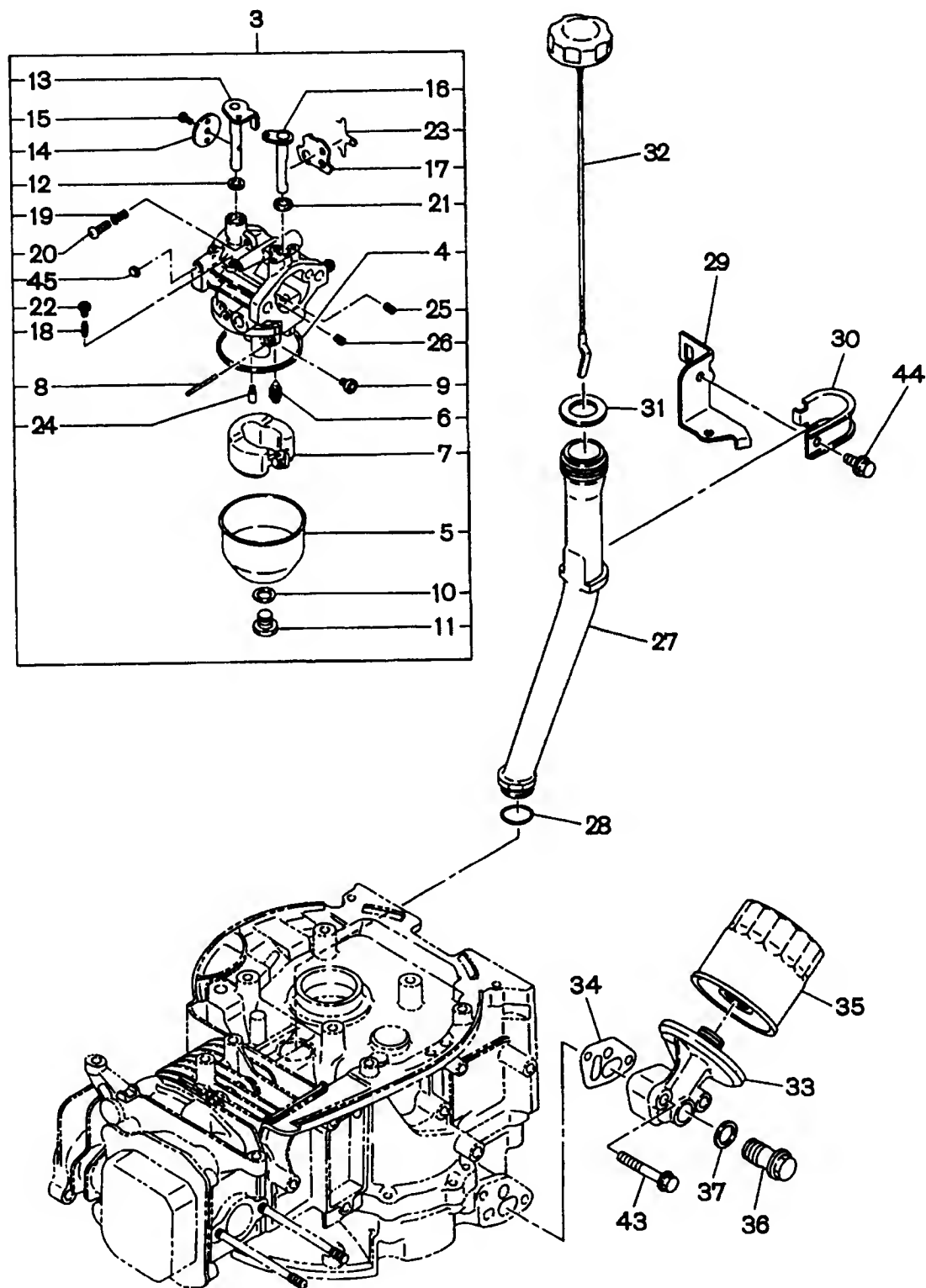


FIG. 6B FUEL and LUBRICANT GROUP

Ref.	Parts Number	Description	Qty
*3	261-62301-00	CARBURETOR ASS'Y Includes items 4 thru 26 and 45	1
4	261-62545-08	GASKET, float chamber	1
5	261-62350-08	CHAMBER, float	1
6	226-62501-08	VALVE, float	1
7	261-62505-08	FLOAT	1
8	226-62515-08	PIN, float	1
9	261-62400-08	MAIN JET	1
10	215-62430-08	GASKET, chamber set	1
11	261-62351-08	PLUG, chamber set	1
12	226-62580-08	FILTER	1
13	261-62530-08	THROTTLE SHAFT ASS'Y	1
14	261-62535-08	THROTTLE VALVE	1
15	261-62352-08	SCREW	1
16	261-62520-08	CHOKE SHAFT ASS'Y	1
17	261-62525-08	CHOKE VALVE	1
18	261-62420-08	SLOW JET (#42)	1
19	261-62445-08	SPRING	1
20	261-62353-08	ADJUST SCREW	1
21	261-62354-08	CAP	1
22	261-62355-08	PLUG, slow jet	1
23	261-62356-08	CLIP	1
24	261-62357-08	PLUG, slow passage	1
25	261-62415-08	JET, slow air bleed	1
26	261-62410-08	JET, main air bleed	1
27	261-63701-03	OIL FILLER	1
28	006-26101-90	O RING	1
29	261-65301-01	BRACKET, oil filler	1
30	261-65201-03	CLAMP, oil filler	1
31	021-31800-10	GASKET	1
32	261-63601-01	OIL GAUGE, compl.	1
33	261-65501-03	OIL FILTER BRACKET	1
34	261-65601-03	GASKET, oil filter bracket	1
35	248-65801-00	OIL FILTER ASS'Y	1
36	261-65701-01	OIL DRAIN PLUG	1
37	021-11400-20	GASKET	1
43	011-00601-70	FLANGE BOLT	2
44	011-00600-20	FLANGE BOLT	1
45	261-62358-08	PLUG, expansion	1

FIG. 7 ELECTRIC DEVICE GROUP

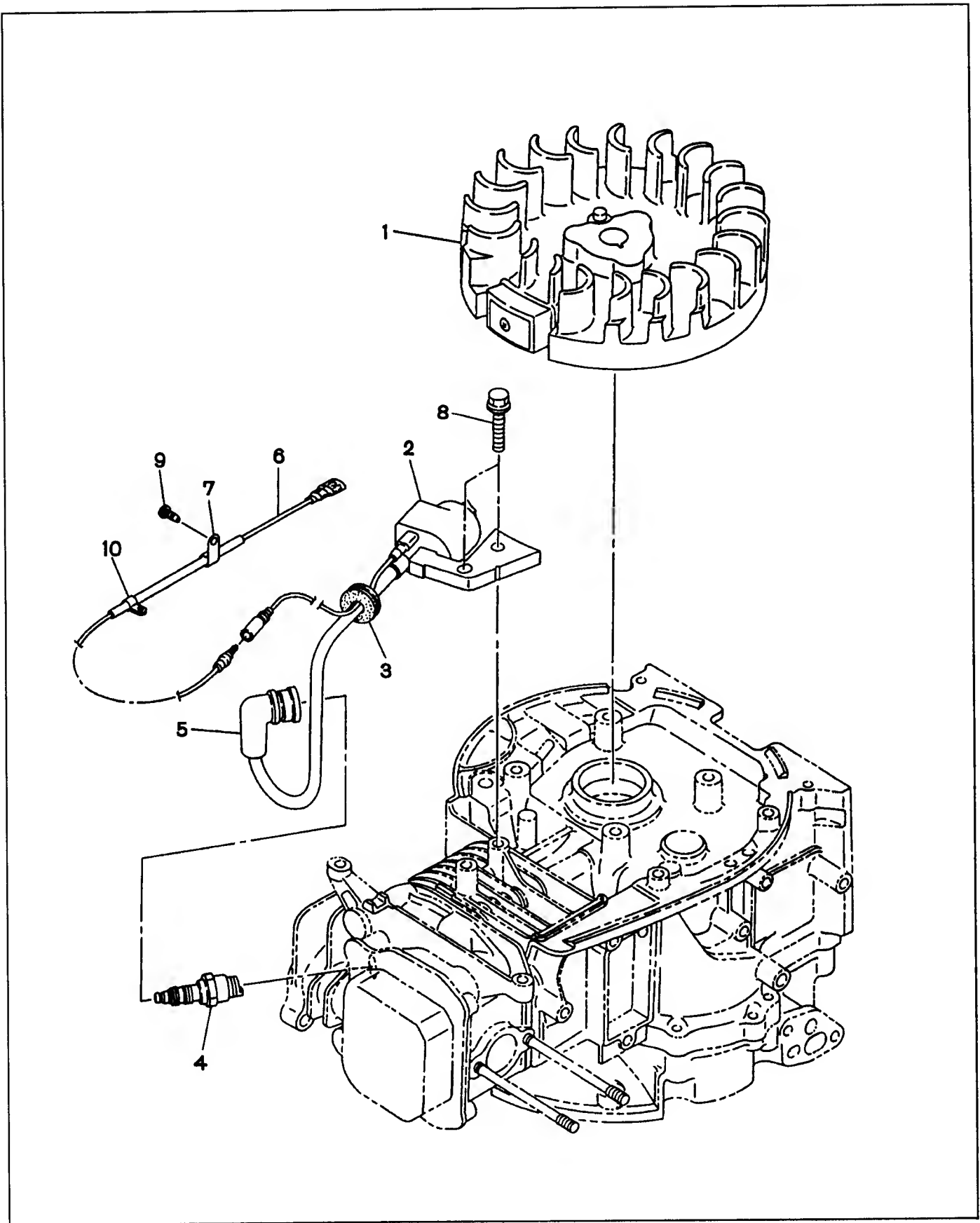
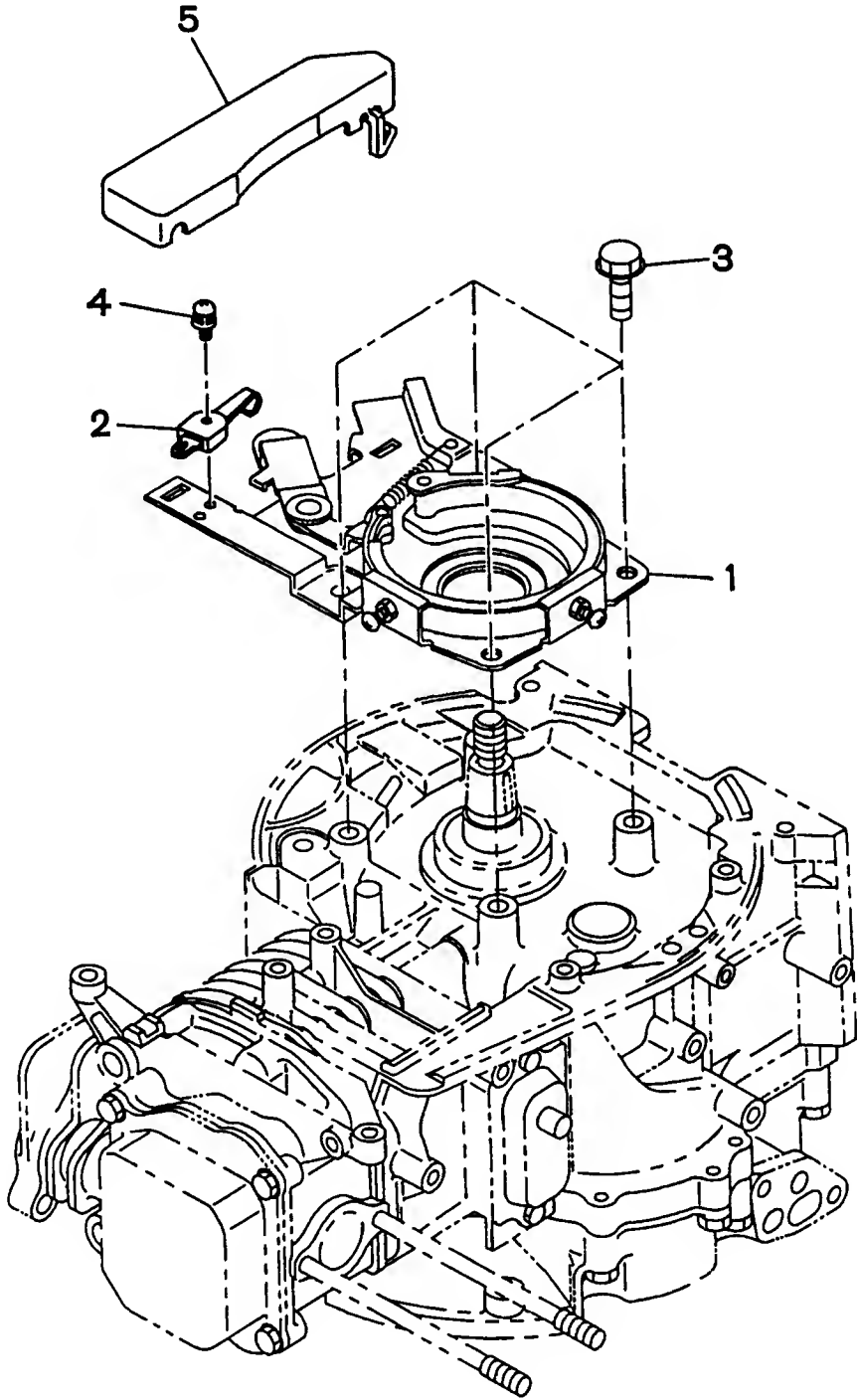


FIG. 8 BRAKE GROUP



BRAKE GROUP

[illegible]

- NOTES -

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- NOTES -

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Model EH18V

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